

# Converting Colors

YUV(174.4840, 36.7364,  
70.6125)

Have a look what the booklet for  
YUV(174.4840, 36.7364, 70.6125)  
contains.

<b>YUV(174.4840, 36.7364, 70.6125)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(174.4840, 36.7364,  
70.6125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF77F9
RGB	255, 119, 249
RGB Percent	100%, 47%, 98%
CMY	0.0000, 0.5333, 0.0235
CMYK	0.00, 0.53, 0.02, 0.00
HSL	303°, 100%, 73%
HSV	303°, 53%, 100%
XYZ	64.9357, 41.2932, 94.1704
YIQ	174.4840, 39.3260, 69.2620

# Conversions

## Conversions Part 2

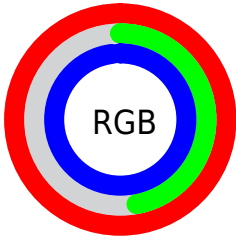
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 119, 249
Decimal	16742393
CIE <sub>Lab</sub>	70.38, 68.04, -41.62
CIE <sub>LCh</sub>	70, 79.760, 328.546
Yxy	41.2932, 0.3240, 0.2061
Android (android.graphics.Color)	4294932473 (0xFFFF77F9)
YUV	174.4840, 36.7364, 70.6125
Hunter-Lab	64.2598, 67.9229, -41.9055

# Details

The YUV color **174.4840, 36.7364, 70.6125** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **199.5160, -36.7364, -70.6125**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 22.8619, 40.6691**, and **115.4130, 37.7574, 69.7978** is the 20% darker color. If you saturate the color by 10%, you get **159.6950, 43.5344, 83.5825**, and if you desaturate by 10%, it is **189.8600, 29.6490, 57.1278**.

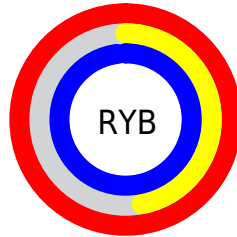
# Distribution



Red (100%)

Green (47%)

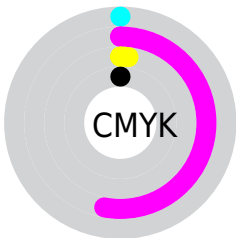
Blue (98%)



Red (100%)

Yellow (47%)

Blue (98%)

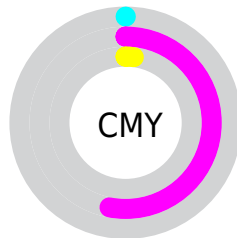


Cyan (0%)

Magenta (53%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (53%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 174.4840, 36.7364, 70.6125 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 174.4840, 36.7364, 70.6125 by changing the saturation by 10% instead.





 174.4840, 36.7364,  
70.6125


 174.4840, 36.7364,  
70.6125


255.0000, 0.0000,  
0.0000


 145.1850, 36.8838,  
69.9978


 208.6270, 22.8619,  
40.6691


 115.4130, 37.7574,  
69.7978


 225.6500, 14.4696,  
25.7400

 81.9450, 40.9461,  
73.7162

 243.2600, 5.7878,  
10.2960

 56.9940, 39.9360,  
71.0423

 45.6580, 32.7066,  
56.4279

 34.4360, 25.9141,  
41.7136

 24.5240, 18.9687,

29.3585

■ 12.6330, 13.4919,  
12.5999

■ 2.5250, 7.1362,  
-2.2144

■ 174.4840, 36.7364,  
70.6125

■ 174.4840, 36.7364,  
70.6125

■ 159.6950, 43.5344,  
83.5825

■ 189.8600, 29.6490,  
57.1278

■ 144.3190, 50.6217,  
97.0672

■ 204.6490, 22.8510,  
44.1578

■ 128.9430, 57.7091,  
110.5520

■ 219.4380, 16.0531,  
31.1879

■ 114.1540, 64.5071,  
123.5219

■ 234.9280, 9.4025,  
17.6031

■ 104.0610, 68.9899,  
132.3735

■ 250.3040, 2.3151,  
4.1184

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.6070, 43.0847, -5.7943



174.4840, 36.7364, 70.6125



152.4160, 13.1059, 89.9662

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174.4840, 36.7364, 70.6125



161.1070, -79.4258, 42.0022



147.6950, 45.5064, -129.5285

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



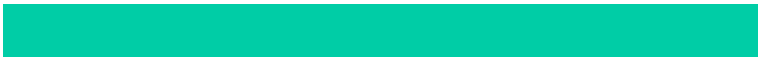
174.4840, 36.7364, 70.6125



199.5160, -36.7364, -70.6125

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



139.2590, 13.1833, -122.1301



174.4840, 36.7364, 70.6125



152.1170, -71.5427, -13.2576

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.4840, 36.7364, 70.6125



161.9250, -59.6160, 81.6268



127.1870, -17.8402, -111.5430



145.2960, 54.0841, -127.4246



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



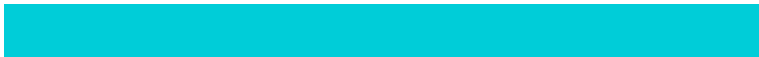
174.4840, 36.7364, 70.6125



148.7050, -8.7286, 93.2207



127.1870, -17.8402, -111.5430



144.9590, 35.0232, -127.1290

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174.4840, 36.7364, 70.6125



230.7050, 10.9914, 21.3067



135.9990, 58.6675, -10.5231



113.0970, 6.3612, 13.0699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.4840, 36.7364, 70.6125



158.5210, 44.1131, 84.6121



166.8460, 7.4709, 77.3111



120.2550, 3.3253, 6.7924



77.9710, 51.7793, 99.1264



26.0900, 17.2106, 33.2471



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



174.4840, 36.7364, 70.6125



158.5210, 44.1131, 84.6121



207.1540, -7.4709, -77.3111



120.2550, 3.3253, 6.7924



77.9710, 51.7793, 99.1264



26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 174.4840, 36.7364, 70.6125 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

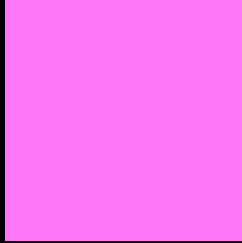
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.4840, 36.7364, 70.6125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

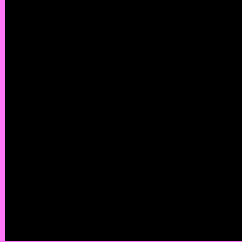
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 174.4840, 36.7364, 70.6125

## Background



This preview shows how black text looks on a background with the YUV color 174.4840, 36.7364, 70.6125.



This preview shows how white text looks on a background with the YUV color 174.4840, 36.7364,

70.6125.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

174.4840, 36.7364, 70.6125

### Protanopia

171.3180, 41.2552, -25.7119

### Deuteranopia

171.7010, 33.6714, -19.9088



## Tritanopia

174.3390, -10.5201, 61.0927

# Trichromacy



## Original Color

174.4840, 36.7364, 70.6125



## Protanomaly

172.1960, 39.8364, 9.4751



## Deuteranomaly

172.5510, 34.7314, 13.5488



## Tritanomaly

174.2420, 6.7827, 64.6858

# Monochromacy



## Original Color

174.4840, 36.7364, 70.6125



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

174.0090, 13.3066, 25.4251

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.4840, 36.7364, 70.6125 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 119, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 119, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 249) }
```

## Border

The CSS property to change the border of an element to YUV 174.4840, 36.7364, 70.6125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 119, 249) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 119, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 119, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
249) }
```

# Background

The CSS property to change the background color of an element to YUV 174.4840, 36.7364, 70.6125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
119, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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